

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Marcotte et al.

Art Unit : 1631

Serial No. : 09/493,401

Examiner : Unknown

Filed : January 28, 2000

Title : COMBINED COMPUTATIONAL METHODS FOR DETECTING PROTEIN  
FUNCTION AND PROTEIN-PROTEIN INTERACTIONS FROM GENOME  
SEQUENCESU.S. Patent and Trademark Office  
Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202TECH CENTER 1600  
AUG 14 2002  
RECEIVEDRESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Applicants submit the following to the Response to the Request for Corrected Filing Receipt mailed February 22, 2002 (copy enclosed).

The paragraph beginning on page 1, line 6, has been rewritten as follows:

--This application claims priority from Provisional Application Serial No. 60/117,844, filed January 29, 1999, Provisional Application Serial No. 60/118,206, filed February 1, 1999, Provisional Application Serial No. 60/126,593, filed March 26, 1999, Provisional Application Serial Number 60/134,093, filed May 14, 1999, and Provisional Application Serial No. 60/134,092, filed May 14, 1999, to which applications priority claim is made under 35 U.S.C. §119(e), the disclosures of which are incorporated herein by reference. The present application also incorporates by reference USSN 09/493,497, for "A Rosetta Stone Method For Detecting Protein Function and Protein-Protein Interactions From Genome Sequences" (Attorney Docket No. 07419-020001) and USSN 09/493,498, for "Assigning Protein Functions By Comparative Genome Analysis Protein Polygenetic Profiles" (Attorney Docket No. 07419-021001), filed

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the U.S. Patent and Trademark Office, Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202.

Date of Deposit

August 2, 2002

Signature

Lauren Bisher

Typed or Printed Name of Person Signing Certificate

Applicant : Marcotte et al.  
Serial No. : 09/493,401  
Filed : January 28, 2000  
Page : 2

Attorney's Docket No.: 07419-023001

concurrently on January 28, 2000. Each of the aforementioned applications is explicitly incorporated herein by reference in their entirety and for all purposes.--

### REMARKS

Attached is a marked-up version of the changes being made by the current amendment. Please supply a corrected Filing Receipt to the undersigned with respect to this application.

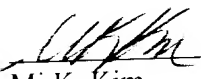
No fee is believed to be due. If, however, there are any charges or credits, please apply them to Deposit Account No. 06-1050.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (858) 670-5070.

Respectfully submitted,

Date: \_\_\_\_\_

Aug 2, 2002



Mi K. Kim  
Reg. No. 44,830

Fish & Richardson P.C.  
4350 La Jolla Village Drive, Suite 500  
San Diego, California 92122  
Telephone: (858) 678-5070  
Facsimile: (858) 678-5099

**Version with markings to show changes made**

In the specification:

Paragraph beginning at page 1, line 6, has been amended as follows:

This application claims priority from Provisional Application Serial No. 60/117,844, filed January 29, 1999, Provisional Application Serial No. 60/118,206, filed February 1, 1999, Provisional Application Serial No. 60/126,593, filed March 26, 1999, Provisional Application[s] Serial Number 60/134,093, filed May 14, 1999, and Provisional Application Serial No. 60/134,092, filed May 14, 1999, to which applications priority claim is made under 35 U.S.C. §119(e), the disclosures of which are incorporated herein by reference. The present application also incorporates by reference USSN [\_\_\_/ \_\_\_, \_\_\_] 09/493,497, for "A Rosetta Stone Method For Detecting Protein Function and Protein-Protein Interactions From Genome Sequences" (Attorney Docket No. 07419-020001) and USSN [\_\_\_/ \_\_\_, \_\_\_] 09/493,498, for "Assigning Protein Functions By Comparative Genome Analysis Protein Polygenetic Profiles" (Attorney Docket No. 07419-021001), filed concurrently on January 28, 2000. Each of the aforementioned applications is explicitly incorporated herein by reference in their entirety and for all purposes.



## UNITED STATES PATENT AND TRADEMARK OFFICE

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 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20590  
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Bib Data Sheet

CONFIRMATION NO. 2197

<b>SERIAL NUMBER</b> 09/493,401	<b>FILING DATE</b> 01/28/2000 <b>RULE</b>	<b>CLASS</b> 536	<b>GROUP ART UNIT</b> 1631	<b>ATTORNEY DOCKET NO.</b> 07419-023001
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**APPLICANTS**

Edward M. Marcotte, Los Angeles, CA;  
 David Eisenberg, Los Angeles, CA;  
 Michael J. Thompson, Santa Monica, CA;  
 Matteo Pellegrini, Sherman Oaks, CA;  
 Todd O. Yeates, Agoura Hills, CA;

**\*\* CONTINUING DATA \*\*\*\*\***

THIS APPLN CLAIMS BENEFIT OF 60/117,844 01/29/1999  
 AND CLAIMS BENEFIT OF 60/118,206 02/01/1999  
 AND CLAIMS BENEFIT OF 60/134,093 05/14/1999  
 AND CLAIMS BENEFIT OF 60/134,092 05/14/1999  
 AND CLAIMS BENEFIT OF 60/126,593 03/26/1999

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED\*\* SMALL ENTITY \*\***

\*\* 03/30/2000

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWING</b> 18	<b>TOTAL CLAIMS</b> 2	<b>INDEPENDENT CLAIMS</b> 1
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature	Initials		

**ADDRESS**

FISH & RICHARDSON P.C.  
 4350 LA JOLLA VILLAGE DRIVE  
 SUITE 500  
 SAN DIEGO, CA 92122

**TITLE**

Determining protein function and interaction from genome analysis

**FILING FEE  
RECEIVED**  
473

FEES: Authority has been given in Paper  
 No. \_\_\_\_\_ to charge/credit DEPOSIT ACCOUNT  
 No. \_\_\_\_\_ for following:

<input type="checkbox"/> All Fees
<input type="checkbox"/> 1.16 Fees ( Filing )
<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
<input type="checkbox"/> 1.18 Fees ( Issue )
<input type="checkbox"/> Other _____
<input type="checkbox"/> Credit



APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY DOCKET NO. TITLE
09 493,401	01/28/2000	Edward M. Marcotte	07419-02360

FISH & RICHARDSON P.C.  
4350 LA JOLLA VILLAGE DRIVE  
SUITE 500  
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CONFIRMATION NO. 215



\*OC000000007521349\*

Date Mailed: 02/22/2002

**RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT****Domestic Continuity and Foreign Priority**

In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:

- ☐ The priority or continuity claim has not been entered because it was not filed during the required time period. Applicant may wish to consider filing a petition to accept an unintentionally delayed claim for priority. See 37 CFR 1.55 or 1.78.
- ☒ Continuity claimed under 35 USC 120 cannot be added to the Filing Receipt without the applicant supplying the relationship (continuation, divisional, or continuation-in-part) in an Application Data Sheet or amendment to the first page of the specification.
- ☐ A claim for priority cannot be made based on an application filed after the application making the claim.
- ☐ Domestic and foreign priority claims will not be captured in a provisional application. A provisional application is not entitled to a right of priority or to the benefit of an earlier filing date of any other application. See 35 USC 111(b)(7) and 37 CFR 1.53(c)(4).
- ☐ A domestic continuity claim cannot be made to a foreign application and the filing receipt will only list the foreign country, application number, and filing date.
- ☐ Foreign priority will appear on the Filing Receipt in the following order:  
**Country, Application number, Filing date.**

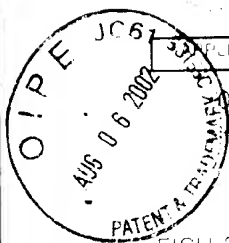
  
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UNITED STATES PATENT AND TRADEMARK OFFICE

AUG 1 1 2002

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WASHINGTON, DC 20503  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/493 401	01/28/2000	1631	410	07419-023001	18	2	1

CONFIRMATION NO. 2197

CORRECTED FILING RECEIPT



\*OC00000007521380\*

RECEIVED

MAR 01 2002

FISH & RICHARDSON P C  
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SAN DIEGO, CA 92122

FISH & RICHARDSON, PC  
SAN DIEGO

Date Mailed: 02/22/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Edward M. Marcotte, Los Angeles, CA;  
David Eisenberg, Los Angeles, CA;  
Michael J. Thompson, Santa Monica, CA;  
Matteo Pellegrini, Sherman Oaks, CA;  
Todd O. Yeates, Agoura Hills, CA;

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/117,844 01/29/1999  
AND CLAIMS BENEFIT OF 60/118,206 02/01/1999  
AND CLAIMS BENEFIT OF 60/134,093 05/14/1999  
AND CLAIMS BENEFIT OF 60/134,092 05/14/1999

Foreign Applications

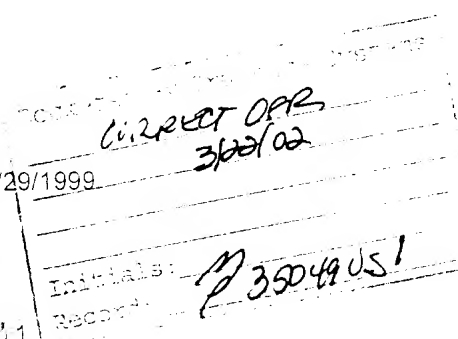
If Required, Foreign Filing License Granted 03/30/2000

Projected Publication Date: Not Applicable, filed prior to November 29, 2000

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*



3/22/02  
GPR



Title

Determining protein function and interaction from genome analysis

Preliminary Class

536

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AUG 14 2002

TECH CENTER 600 2300

**LICENSE FOR FOREIGN FILING UNDER**

**Title 35, United States Code, Section 184**

**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).